

# UHF Mount On Metal Tag

## IDT FERRIC™ 64



UHF



Low Cost



IP 68



Durable



Reusable

The IDT Ferric 64 is a versatile RFID tag that can be used for a wide range of tracking and management applications. Measuring 64mm x 19mm x 5.5mm, the tag is slightly larger than some other RFID tags, but offers a read range of up to 6 meters, depending on the specific setup and environment. The tag can be mounted using adhesive, magnetic or screw methods, depending on the specific requirements of the application. The Ferric 64 tag is particularly well-suited for inventory management, asset tracking, and supply chain management applications, where its long read range and multiple mounting options can be a real advantage. It can help to improve efficiency and accuracy by enabling fast and reliable tracking of items and assets, even over long distances.

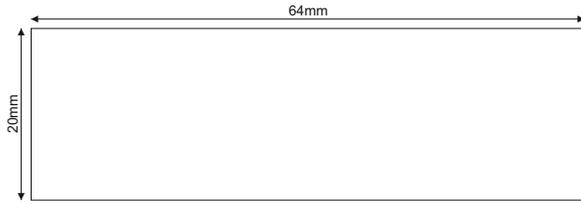
### PHYSICAL PARAMETERS

<b>Dimensions</b>	64mm x 20mm x 10mm
<b>Weight</b>	10gm ± 2
<b>Encasement / Material</b>	ABS/PVC
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Attachment</b>	Adhesive, Magnets
<b>Sealing</b>	IP 68

## FERRIC 65 DIMENSION



## UHF PERFORMANCE

<b>Working Frequency</b>	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
<b>Standard Protocol</b>	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
<b>Chip Type</b>	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Read Range with Fixed Reader</b>	Up to 6.5m (Reader & Chip Dependent)
<b>Read Range with Handheld Reader</b>	Up to 4m (Reader & Chip Dependent)

## PERSONALIZATION

<b>Pre-Encoding</b>	Customer Specific Encoding of EPC
<b>Customized Printed</b>	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.FE.64.BL (Blank)
	IDT.RF.T.FE.64.AI (Adhesive Indoor)
	IDT.RF.T.FE.64.AO (Adhesive Outdoor)
	IDT.RF.T.FE.64.MR (Magnets / Rivets)

## APPLICATION AREA



Manufacturing



Aviation



Logistics



Supply Chain



Warehouse



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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